Response ID:545 Data

1. BOSC 2017 Nominations

Self Nomination:

Yes

Nominator Information

First Name

Last Name

Nominator Title

Street Address

City

State

Postal Code

Email Address

Phone Number

Mobile Phone

Nominee Information

First Name

Daland

Last Name

Juberg

Nominee Title

Exemption 6

Street Address

Exemption 6

City

Exemption

State

Exemp
tion 6

Exem

Email Address

drjuberg@dow.com

Phone Number

Exemption 6

Mobile Phone

Exe xemptio

Employment Information

Place of Employment/Work:

Dow AgroSciences LLC

Work Street Address

9330 Zionsville Road

Work City

Indianapolis

Work State:

Indiana

Work Postal Code

46268

Work Phone Number

317-337-3787

Work Email Address

drjuberg@dow.com

Sector

Industry

Qualifications

Primary Area(s) of Expertise

Public Health, Toxicology, Children's Health, Endocrine, Exposure Science, Risk Assessment, Sustainability, Science Policy, Risk Communication

Committee Preference(s)

Chemical Safety for Sustainability and Human Health Risk Assessment Subcommittee

Statement of Interest

I have 25 years of diverse industrial sector and consulting experience spanning a number of scientific disciplines that are central to evaluation and protection human health and the environment. I am committed to working with diverse stakeholders to achieve balance, objectivity, and unified purpose in the evaluation of chemicals relative to safety, policy, and regulatory decision-making.

Skills/qualifications related to committee preference(s) specified

Highly diverse experience spanning environmental engineering (air, water, soil analysis, remediation, testing), industrial chemicals, and agricultural chemicals (pesticides). Very active in Society of Toxicology leading the TSCA Task Force for 5 years, Fellow of Dow AgroSciences, and Fellow of the Academy of Toxicological Sciences.

Other Relevant Information

Please see CV, including Outreach Activities.
Please see letter of endorsement from ACT.

CV/Resume URL

2. CV/Resume

Please upload your CV/ Resume.

drjcv.docx

3.

BOSC Nomination

Jun 26, 2017 12:07:13 Success: Email Sent to: tracy.tom@epa.gov

4. Thank You for your Submission!

CURRICULUM VITAE

DALAND RICHARD JUBERG

Home Address
7887 Ridgeland Drive
Indianapolis, IN 46250
317-570-1277
dljuberg@gmail.net

EDUCATION

Diploma, Oakwood High School, Dayton, Ohio (1979)

B.A., Biology (Magna Cum Laude), Wittenberg University, Springfield, Ohio (1983)

M.S., Environmental Health Sciences, University of Michigan, Ann Arbor, Michigan (1984)

Ph.D., Toxicology, University of Michigan (1992)

PROFESSIONAL EXPERIENCE

Global Leader, R&D Director, Human Health Assessment (2014-present)

Lead functional and strategic operations for a global 29 member group spanning 3 continents and encompassing toxicology, exposure and risk science, and residue chemistry and composition and agronomics. One of four functions that comprise Regulatory Sciences within DAS. Lead 3 technical leaders who oversee NA Toxicology and Risk, Global residue chemistry, and EMEA/AP Toxicology and Risk. Oversee 8MM in toxicology testing globally. Responsible for testing requirements globally for Agricultural Chemical and Seeds/Traits/Oils business platforms. Heavy emphasis in industry leadership on embracing and employing new predictive and alternative approaches for toxicological evaluation and risk assessment for registration and reregistration purposes globally.

North American Leader, Human Health Assessment (2010-2014)

Sets vision, strategy, and direction for the Human Health Assessment group within the Regulatory Sciences and Government Affairs function. Responsible for 11 toxicologists, risk assessors and exposure scientists and one Office Professional who support Dow AgroSciences globally and represent the company in multiple external boards, committees, and outreach activities. Science leader for agricultural chemistry and biotechnology traits/products.

Research Leader/Research Scientist/Senior Toxicologist. Dow Agrosciences, LLC, Indianapolis, IN (2002-2010)

Toxicological consultation and science focal point for product development and regulatory stewardship for agricultural chemicals and biotech products. Responsibilities include oversight for scientific and regulatory toxicological management of 6-8 key herbicides, fungicides, pesticides and participation on interindustry scientific initiatives and workgroup. Chief toxicologist for chlorpyrifos and biotech/GM-related initiatives/products. Responsible for oversight of toxicological testing required for registration of multiple molecules, including EU dossier submissions. Task force chair for triazole task force toxicology group, regular interactions and presentations before the U.S. Environmental Protection Agency and other State Agencies, and issue management related to carcinogen classification, endocrine disruption, and children's health. Participant on internal Six Sigma, strategic planning, and AgPac committees as well as numerous external (ILSI, SOT, CLA) workgroups.

Principal. International Center for Toxicology and Medicine, Rockville, MD (operated the Rochester, N.Y. office; 1999-2002)

Business development and marketing director of core services on a regional and national basis for public and private sector clients. Expert consultation in applied toxicology, human health and environmental risk assessment and management, occupational health and safety, and environmental medicine. Emphasis in client activities related to evaluation of environmental and human health hazards and subsequent evaluation of risk. Core services included litigation support, toxicological review and critique, risk assessment, scientific writing, indoor air evaluations, technical presentations, and risk communication.

Senior Toxicologist. Applied and Regulatory Toxicology, Corporate Health and Environment Laboratories, Eastman Kodak Company, Rochester, N.Y. (1992-99)

Product toxicology including technical, regulatory, and scientific support for four business units; human health and environmental risk assessments for product and site-related concerns; study director for acute and subchronic toxicology testing for product registration; expert testimony and litigation support related to product liability; corporate environmental, health, and safety compliance auditing; participation on trade association chemical- and risk-specific panels; development of internal occupational exposure limits; coordination of corporate reproductive health assessment program; material safety data sheet and product labeling preparation and review; involvement with State and Federal air issues including regulatory programs and guidance, comparative risk, and establishment of ambient air guidelines; technical analysis of ozone and particulate matter (PM10 and PM2.5); risk evaluation for occupational hazards, reproductive toxicants, consumer products, medical devices, air toxics, and environmental contaminants; white-paper development associated with multi-media health risk assessment, toxicity evaluations, environmental hazards, and broad-scope environmental health issues (California Proposition 65, Great Lakes Water Quality Initiative, TSCA test rules, Clean Air Act, National Ambient Air Quality Standards, organochlorine compounds and estrogenic substances); chemical-specific knowledge of ozone, boron, carbon black, silver, particulates, phthalate esters.

Consultant to *The American Council on Science and Health,* New York, N.Y. (1996-present)

Toxicological consultation and author for both consumer-oriented and scientific publications related to environmental contaminants, industrial chemicals and their impact to human health. Consulting toxicologist and coordinator for a Blue-Ribbon Panel, chaired by former Surgeon General, Dr. C. Everett Koop, charged with the safety assessment and evaluation of phthalate-containing toys and medical devices (1999).

Independent Consultant (1987-89) Ann Arbor, Michigan

Contract assignments encompassing environmental compliance audits, RCRA facility water sampling and monitoring, asbestos abatement supervision, and assessment of groundwater contaminants for fate and transport in the environment.

Staff Scientist (1988-89) Limnotech, Ann Arbor, Michigan

Assessment of aquatic toxicology studies, risk assessment for remedial action at Superfund sites, and industrial wastewater investigations.

Senior Environmental Scientist (1984-87) Environmental Control Technology Corporation, Ann Arbor, Michigan

Laboratory technician for inorganic and organic chemical analyses. Senior scientist responsible for environmental consulting services including proposal development, supervision of field crews, environmental sampling (air, water, soil), analytical interpretation, and report generation. Extensive field experience including asbestos abatement monitoring, PCB cleanup supervision, lagoon closure and delisting implementation, supervision of soil boring and well installation, hydrogeological investigations, contaminated groundwater plume delineation, industrial waste stream characterization, RCRA facility leachate sampling, mass balance modeling of VOC emissions, and air sampling for both human health monitoring and industrial compliance testing.

TEACHING APPOINTMENTS

Adjunct Professor, Department of Environmental Health Sciences. University of Michigan, School of Public Health. 2012-present.

Practice Associate. University of Michigan School of Public Health. Office of Public Health Practice. 2012-present.

RESEARCH EXPERIENCE

(1989-1992) Dissertation research involved the effects of pesticides (e.g., DDT isomers, dieldrin, pyrethrins) on uterine smooth muscle contractility and function, in relation to potential influence on preterm birth. Specific studies characterized the stimulatory effect of DDT and related isomers on rat uterine contraction frequency, *in vitro,* and whether the toxicological mechanism was influenced by estrogen, prostaglandin, or sodium channel mediation. Other studies investigated the effects of DDT on

intracellular calcium levels and membrane potential in cultured rat uterine cells. (Dr. R. Loch Caruso, Chair)

(1988) Research rotation involving determination of the inheritance pattern of the rat N-acetylation polymorphism (Dr. W.W. Weber, supervisor)

(1987) Research investigation concerning the effects of dieldrin on intercellular communication (Dr. R. Loch Caruso, supervisor)

(1982) Independent research internship involving the investigation of macroinvertebrate-macrophyte associations in a Southeastern swamp (Savannah River Ecology Laboratory, Aiken, S.C.). Results presented at the NABS Conference, March, 1983.

(1980-84) Independent research during undergraduate and graduate studies including investigations at Michigan State University's Kellogg Biological Station (1981), Duke University's Marine Laboratory (1982), and The University of Michigan, School of Public Health, Aquatic Toxicology Program (1984)

RELEVANT GRADUATE COURSEWORK

Mammalian Toxicology
Molecular Mechanisms of Toxicology
Fundamentals of Biochemistry
Biochemistry (Gene Expression)
Biochemistry (Protein Structure)
Pharmacology (Principles of Drug Action)
Water Quality Management
Instrumental Methods of Analysis
Chem. Analysis of Water/Wastewater
Pathology
Human Physiology
Reproductive Endocrinology
Medical Pharmacology I,II
Ecological Toxicology
Water Pollution Biology
Water Management Practices
Applied Statistics
Experimental Design

FELLOWSHIPS/AWARDS

Dow AgroSciences R&D Director (2015)

Dow AgroSciences Fellow (2012)

Fellow, Academy of Toxicological Sciences (2012)

Society of Toxicology Robert L. Dixon Award (1992)

Society of Toxicology Reproductive and Developmental Specialty Section Award (1992)

Horace H. Rackham Dissertation Grant (1991-92)

Sigma Xi Grant-in-Aid (1991)

Society of Toxicology Reproductive and Developmental Specialty Section Award (1991)

Society of Toxicology Student Travel Award (1991)

NIH Predoctoral Fellowship - Reproductive Sciences Program Trainee,
University of Michigan (1990-92)

Rackham Travel Grant, University of Michigan (1990-91)

NIH Predoctoral Fellowship - Pharmacological Sciences Training Program,
University of Michigan (1987-89)

Rackham Block Grant, University of Michigan (1983-84)

Charles and Anne Morrow Lindbergh Scholarship, Wittenberg University (1981-83)

Lutheran Honor Scholar, Wittenberg University (1979-83)

ACADEMIC HONORS Wittenberg University (1979-83)

Magna Cum Laude graduate
The Tri-Beta (Biology Honorary) Outstanding Senior Biology Major Award
President and member, Beta Beta Beta, (Biology Honorary)
Mortar Board (Sr. Scholarship and Service Honorary)
Omicron Delta Kappa (Sr. Leadership and Service Honorary)
Pick and Pen (Jr. Scholarship Honorary)
Phi Eta Sigma (Soph. Scholarship Honorary, Treasurer)
Dean's List (10/12 terms)

PROFESSIONAL SOCIETY MEMBERSHIP

American College of Toxicology
American Society for Testing and Materials (ASTM)
Society of Environmental Toxicology and Chemistry
Society of Toxicology
International Society of Regulatory Toxicology and Pharmacology

COMMITTEE, WORKGROUP, AND BOARD PARTICIPATION

Program Committee, Michigan Chapter of the Society for Risk Analysis (1991-92)

Training Committee, Reproductive Sciences Program, University of Michigan (1991-92)

Program in Environmental Risk Communication, Center for Environmental Information,
Rochester, New York, (1993)

Diethyl Ether Manufacturers Technical Committee. Associated with the EPA Neurotoxicity Test Rule (1993-99)

CMA Hazardous Air Pollutants Testing Work Group - Chair, Toxicology Technical Subgroup (1994-99)

CMA Ad Hoc NAAQS Health and Risk Issue Group - Ozone, PM (1994-99)

ASTM E47.13 Committee - Assessment of Risk to Human Health and the Environment from Contaminated Sites - Human Exposure Assessment Task Group (1996-99)

International Joint Commission - Great Lakes Science Advisory Board Workgroup on Ecosystem Health (1996-98)

International Life Sciences Institute Risk Science Institute - Workgroup on Human Variability (1996)

Rochester Embayment Remedial Action Plan (RAP) - Priority Pollutant Task Group (1996-98)

ASTM E50 Committee - Environmental Assessment (1997-2000)

Steering Committee - NSF International Conference on Indoor Air Health (1998-99)

American Industrial Health Council - Ecological Risk Assessment Committee (1998-99)

New York State Dept. of Environmental Conservation - Comparative Risk Technical Group (1997-99)

New York State Business Council – Environment Committee (1999)

Steering Committee – NSF 2nd International Conference on Indoor Air Health (2000)

U.S. Triazole Task Force (USTTF) – Toxicology Subcommittee (Chair); (2002-present)

CropLife America (CLA) – Human testing, endocrine, environmental health workgroups

Mackinac Center for Public Policy – Scientific Advisory Board (Chair); (2005-present)

Society of Toxicology Regulatory Affairs and Legislative Assistance (RALA) Committee (2006-2009); (Chair 2007-present)

American Legislative Exchange Council, Natural Resources Task Force, Environmental Health Workgroup (2006-present)

ILSI International Food Biotechnology Committee – Task Force on Safety and Nutritional Assessments of Biotech Foods and Feed Crops (2006-2007)

ILSI International Food Biotechnology Committee – Task Force on Protein Safety (2006-2007)

International Life Sciences Institute (ILSI-HESI) Committee on Risk Assessment of Sensitive Populations (2006-2008)

International Life Sciences Institute (ILSI-HESE) – Biotech Harmonization of Toxicological Studies (2008-present; Chair of TF)

Society of Toxicology Communications Committee (2008-present; Chair 2009-present); chair of the Congressional task force subcommittee (2009-present)

Member of the National Steering Committee for Project Food, Land, and People – American Farm Bureau Foundation for Agriculture

ILSI Committee on Distinguishing Adverse from Non-Adverse Effects – Steering Committee (2009-present; Co-chair of TF)

Society of Toxicology Task Force on TSCA Reform (Chair 2010-2015; member 2010-present)

Society of Toxicology, Regulatory Safety Evaluation Specialty Section – Vice-President Elect (2011); Vice President (2012); President (2013); Past-President (2014)

Society of Toxicology – Member, Contemporary Concepts in Toxicology Conferences Committee (2012-2014).

PROFESSIONAL DEVELOPMENT

Organizational Behavior/Human Resources Management. Audited course in the School of Business, University of Michigan (1991)

6th Annual Course on New Directions in Risk Assessment. Sponsor, Society for Risk Analysis, Washington, D.C. (1991)

Conference on the Risk Assessment Paradigm After Ten Years. Sponsors, U.S. EPA Environmental Criteria and Assessment Office; Toxicology Division, Armstrong Laboratory, Dayton, Ohio (1993)

Mastering Environmental, Health, and Safety Auditing Skills and Techniques. Arthur D. Little, Inc. Center for Environmental Assurance. Cambridge, Massachusetts (1993)

Good Laboratory Practices (GLP) for Study Directors. International Center for Health and Environmental Education. Rochester, New York (1994)

Risk Assessment for the Environmental Professional. National Groundwater Association. Orlando, Florida (1996).

Media Training. Nichols Dezenhall Communications Management Group. Washington, D.C. (1999).

ILSI-HESI and USEPA Mode of Action Workshop – Characterization and Relevance in Assessing Human Health Risk. Cincinnati, Ohio. April, 2008.

GRANT GENERATION – SCIENTIFIC OUTREACH

- Developed a vision for the advancement of scientific understanding of risk issues by the public. Subsequently, initiated/generated a multi-year proposal for consideration by the Dow Foundation to advance public understanding of risk to promote scientific reasoning as the proper underpinning of state law and regulation. Proposal granted in Full (April, 2005). Grant and programs to be carried forth under the auspices of the Mackinac Center for Public Policy (Midland, MI).

- Annual participation at local and State meetings aimed at outreach and education on the regulatory and testing requirements of agricultural chemicals. Venues have presentations at the annual meeting of the Hoosier Association of Science Teachers of Indiana (HASTI), elementary classroom presentation on behalf of the MidAmerica Crop Association (MACA), and participation in the Indiana Farm Bureau's educational efforts at the Indiana State Fair and during the annual convention.

- Development of model legislation (American Legislative Exchange Council) for creating an independent science advisory board at the State level to provide expert consultation on matters involving human and environmental health in conjunction with developing or pending legislation.

- Initiated Congressional briefings on nanotoxicology (2007) in conjunction with joint sponsorship between the Society of Toxicology, American Chemical Society, and the Society for Risk Analysis as well as briefings on biomonitoring (2009) and hazard vs risk-based legislation (2009).

- Initiated a briefing for National State Legislators on "Taking the Politics Out of Science" that was held at the ALEC States and Nations Policy Meeting (Washington, DC, January 2007).

- Invited presentation before the Environmental Quality Services Council (Indiana) on the use of sound science as the underpinning of State policy on environmental health matters (2007).

- Testimony before a House Subcommittee (Indiana) hearing on the opportunities and limitations of biomonitoring programs in informing on public health (2008).

- Chair of a Society of Toxicology Congressional Task Force aimed at increasing visibility and utility of SOT resources and knowledge for use by elected officials in matters involving science, toxicology, and public health. Interfacing/engaging Congressional members and staff on educational briefings related to toxicology and risk.

SELECTED SYMPOSIA PARTICIPATION/LEADERSHIP

Toxicological Implications of Altered Gap Junctional Intercellular Communication. Sponsor, Michigan State University for Environmental Toxicology, East Lansing, Michigan (1988)

Uterine Contractility: Mechanisms of Control. Sponsor, Serono Symposia USA, St. Louis, Missouri (1990)

Assessment of Human Exposure to Chemicals from Superfund Sites. Sponsor, NIEHS, East Lansing, Michigan (1990)

The Toxicology Forum - 1993 Annual Summer Meeting. Aspen, Colorado (1993)

Transport, Fate and Effects of Silver in the Environment - 1st International Conference. University of Wisconsin-Madison (1993)

Transport, Fate and Effects of Silver in the Environment - 2nd International Conference. University of Wisconsin-Madison (1994)

State of the Lakes Ecosystem Conference (SOLEC) - Dearborn, Michigan (1994)

Wingspread Conference - Environmental Exposures that Affect the Endocrine System. Racine, Wisconsin (1995)

Transport, Fate and Effects of Silver in the Environment - 3rd International Conference. Washington, D.C. (1995)

Workshop on Environmental Results: Monitoring and Trends of Effects Caused by Persistent Toxic Substances. International Joint Commission/Great Lakes Science Advisory Board's Workgroup on Ecosystem Health. Windsor, Ontario (1996)

Transport, Fate and Effects of Silver in the Environment - 4th International Conference. University of Wisconsin-Madison (1996)

Health Conference '97 - Great Lakes/St. Lawrence. Health Canada/ATSDR. Montreal, Quebec, Canada (1997)

Transport, Fate and Effects of Silver in the Environment - 5th International Conference. Hamilton, Ontario, Canada (1997)

2nd International Symposium on the Health Effects of Boron and its Compounds. The University of California, Irvine, College of Medicine (1997)

Transport, Fate and Effects of Silver in the Environment – 6th International Conference. Madison, Wisconsin (1999).

Workshop: Current Regulatory and Scientific Views Regarding Chemical Hazards to Children (co-chair; presented at the Society of Toxicology Annual Meeting, March, 2005).

Workshop: New Approaches for Integrating Toxicological and Epidemiological Data to Better Inform Risk Assessment (Chair; Society of Toxicology Annual Meeting, March, 2011).

Symposium: Determining the Risk of Chemicals in Our Environment – Challenges and Opportunities for Advancement (Co-Chair; Teratology Society Annual Meeting, June, 2011).

ARA Symposium: Beyond Science and Decisions: From Issue Identification to Dose-Response Assessment: "Quantitiative Assessment of Sensitivity and Variability in Humans – Modeling the Effects of Low Dose Exposure to Dietary Residues of Chlorpyrifos". May, 2011. Falls Church, VA.

Roundtable Session: Scientific, Regulatory, and Public Perspectives on the Credibility and Use of Alternative Toxicological Test Methods in a Legislative Framework. (Co-chair, Society of Toxicology Annual Meeting, March 2012).

CropLife America Science Forum. Expert Panelist. Judging Weight of Evidence Approaches: Focus on Chemical Evaluation. May 2012.

Congressional Briefing: FutureTox: Consideration of 21st Century Toxicology and Risk Assessment Practices in Legislation and Regulation. Moderator. October 2012. Washington DC.

Lessons Learned, Challenges, and Opportunities: The US Endocrine Disruptor Screening Program – April 23-24, 2013. North Carolina Biotechnology Center, RTP, NC. Chair.

CropLife International Endocrine Disruptor Workshop. North Carolina, April, 2015.

CropLife International. Chair, Workstream #1 – Defending Science.

Society of Toxicology Future Tox III – Bridges to Translation. Washington, DC. November, 2015. Chair.

Society for Risk Analysis. 2016. Symposium: Low Dose Non-Monotonic Responses – Bridging the Gap. Co-Chair. San Diego, CA.

The Toxicology Forum – Washington DC. February 2017. Observational Low-Dose Effects and Non-Monotonic Responses: Relevance for Research, Risk Assessment and Regulatory Decision-Making. Chair.

EDITORIAL/ADVISORY BOARDS

International Journal of Toxicology - Editorial Board
Journal of Healthcare Safety, Compliance & Infection Control – Editorial Board
American Council on Science and Health - Board of Scientific and Policy Advisors
Society of Toxicology – Media Resource Specialist
Toxicology Excellence for Risk Assessment (TERA), Cincinnati, OH
The Journal of Children's Health – Editorial Board

PEER-REVIEWER – Scientific Publications

International Journal of Toxicology
Environmental Toxicology and Chemistry
Neurotoxicology

PEER-REVIEWER – Government Contractors

USEPA Technical Review – Integrated Urban Air Toxics Strategy. Conducted for Eastern Research Group, 2000.

Development of Human Health Benchmarks. Conducted for Eastern Research Group, 2000.

ATSDR Toxicological Profile for DDT. Conducted for Eastern Research Group, 2001.

ATSDR Toxicological Profile for DEHP. Conducted for Eastern Research Group, 2002.

Expert Reviewer for the City of Buffalo. Review of the NYSDOH Health Consultation of the Hickory Woods Neighborhood Contamination and Implications for Human Health. Conducted for Eastern Research Groups, 2002.

Expert Reviewer for EPA's Office of Technical Information "Revised Technical Review of Diisononyl Phthalate" 2004.

LISTS

MARQUIS Who's Who in Science and Engineering
MARQUIS Who's Who in the World

TEXTS AND/OR CHAPTERS

Juberg, D.R. Scientific Editor. *Are Children More Vulnerable to Environmental Chemicals: Scientific and Regulatory Issues in Perspective.* 2002.

Juberg, D.R. and Hearne, F.T. Silver/Gold *in Patty's Toxicology, Fifth Edition, Volume II*. E. Bingham, B. Cohrssen, C. Powell, eds. John Wiley & Sons. 2001.

PEER-REVIEWED PUBLICATIONS

1. Morgan, L.Y., R.C. Juberg, D.R. Juberg and R.P. Hardman. Dermatoglyphics of hyperactive males. 1982. *Am. J. Phys. Anthropol.* 59:243-249.

2. Loch-Caruso R., V.D. Caldwell, M. Cimini and D.R. Juberg. Comparison of assays for gap junctional communication using human embryocarcinoma cells exposed to dieldrin. 1990. *Fund. Appl. Tox*. 15(1):63-74.

3. Loch-Caruso, R., D.R. Juberg, V. Caldwell and I.A. Corcos. Cultured myometrial cells establish communicating gap junctions. 1990. *Cell Biol. Int. Rep.* 14(10):905-916.

4. Juberg, D.R. and R. Loch-Caruso. Increased contraction frequency in rat uterine strips treated in vitro with o,p'-DDT. 1991. *Bull. Environ. Contam. Toxicol.* 46:751-755.

5. Juberg, D.R., R.C. Webb and R. Loch-Caruso. Characterization of o,p'-DDT-stimulated contraction frequency in rat uterus *in vitro*. 1991. *Fund. Appl. Tox*. 17(3):543-549.

6. Juberg, D.R., J.T. Bond and W.W. Weber. N-acetylation of aromatic amines: genetic polymorphism in inbred rat strains. 1991. *Pharmacogenetics* 1:50-57.

7. Loch-Caruso, R., M. S. Pahl and D.R. Juberg. Rat myometrial smooth muscle cells show high levels of gap junctional communication under a variety of culture conditions. 1992. *In Vitro Cell. Dev. Biol.* 28A. 97-101.

8. Juberg D.R. and R. Loch-Caruso. Investigation of the role of estrogen and prostaglandin E_2 in mediating DDT-enhanced rat uterine contraction *ex vivo*. 1992. *Toxicology*. 74:161-172.

9. Juberg, D.R., E.L. Stuenkel and R. Loch-Caruso. The chlorinated insecticide 1,1-dichloro-2,2 - bis(4-chlorophenyl)ethane (p,p'-DDD) increases intracellular free calcium in rat myometrial smooth muscle cells. 1996. *Toxicol. Appl. Pharmacol*. 135:147-155.

10. Juberg, D.R., R.T. Cataldi and D.P. Richardson. Air quality around and potential air emissions from Kodak x-ray processors. 1996. *ASRT Scanner*. 28:9.

11. Juberg, D.R., C.F. Kleiman, and S.C. Kwon. Position paper of the American Council on Science and Health: lead and human health. 1997. *Ecotox. Env. Safety. 38:162-180.*

12. Juberg, D.R., R.M. David, G.V. Katz, L. Bernard, D.R. Gordon, M.S. Vlaovic, and D.C. Topping. 2-Ethylhexanoic acid: Subchronic oral toxicity studies in the rat and mouse. 1998. *Food Chem. Toxicol. 36:429-436.*

13. Patrick, E., D.R. Juberg, J.L. O'Donoghue, and H.I. Maibach. 1999. Depigmentation study with t-butyl hydroquinone using black guinea pigs. *Food Chem. Toxicol*. 37:169-175.

14. Koop, C.E., Juberg, D.R., Benedek, E.P., *et al.* A scientific evaluation of health effects of two plasticizers used in medical devices and toys: a report from the American Council on Science and Health. Medscape General Medicine. June 22, 1999. http://www.medscape.com/Medscape/GeneralMedicine/journal/1999/v01.n06/mgm0622.koop/mgm0622.koop-01.html.

15. Juberg, D.R. 2000. An evaluation of endocrine modulators: implications for human health. Ecotox. Env. Safety. 45:93-105.

16. Juberg, D.R., Alfano, K., Coughlin, R.J., and Thompson, K.M. 2001. An observational study of object mouthing behavior by young children. Pediatrics. 107:135-142.

17. Campbell, P.G.C., Paquin, P.R., Adams, W.J., Brix, K.V., Juberg, D.R., Playle, R.C., Ruffing, C.J., and Wentsel, R.S. 2001. Group D Discussion: Chapter 4. Risk Assessment. In: Andren, A.W. and Bober, T.W. (Eds). The 6th International Conference Proceedings: Transport, Fate, and Effects of Silver in the Environment, Madison, Wisconsin, August 21-25, 1999. University of Wisconsin Sea Grant, Madison, Wisconsin, pages 103-146.

18. Campbell, P.G.C., Paquin, P.R., Adams, W.J., Brix, K.V., Juberg, D.R., Playle, R.C., Ruffing, C.J., and Wentsel, R.S. 2002. Chapter 4. Risk Assessment. In: Andren, A.W. and Bober, T.W. (Eds). SETAC Special Publication: Silver in the Environment: Transport, Fate, and Effects –

Research Findings of the Argentum International Conference Series, 1993-2000. SETAC Press, Pensacola, FL.

19. Juberg, D.R., Hazelton, G., Mudra, D., and Parkinson, A. 2006. The effect of fenbuconazole on cell proliferation and enzyme induction in the liver of female CD1 mice. Toxicol. Appl. Pharmacol. 214(2):178-187.

20. Juberg, D.R., Herman, R., Delaney, B., Thomas, J., and Brooks, K. 2009. Acute and Repeated Dose (28 Day) Mouse Oral Toxicology Studies with Cry34Ab1 and Cry35Ab1 Bt Proteins Used in Coleopteran Resistant DAS-59122-1 Corn. Reg. Toxicol. Pharmacol. 54:154-163.

21. Ronald N. Hines; Dana Sargent; Herman Autrup; Linda S. Birnbaum; Robert L. Brent; Nancy G. Doerrer; Elaine A. Cohen Hubal; Daland R. Juberg; Christian Laurent; Robert Luebke; Klaus Olejniczak; Christopher J. Portier; William Slikker. 2009. Approaches for Assessing Risks to Sensitive Populations: Lessons Learned from Evaluating Risks in the Pediatric Population Toxicological Sciences. 2009; doi: 10.1093/toxsci/kfp217.

22. Herman, R.A., Dunville, C.M., Juberg, D.R., Fletcher, D.W., and Cromwell, G.L. 2011. Performance of broiler chickens fed event DAS-40278-9 maize containing the aryloxyalkanoate dioxygenase-1 protein. Reg. Tox. Pharmacol. 60:296-299.

23. Stagg, N.J., Thomas, J., Herman, R.A., and Juberg, D.R. 2012. Acute and 28-day repeated dose toxicology studies in mice with aryloxyalkanoate dioxygenase (AAD-1) protein expressed in 2,4-D tolerant DAS-40278-9 maize. Reg. Tox. Pharmacol. 62:363-370.

24. Keller, D., Juberg, D.R., et al. 2012. Identification and characterization of adverse effects in 21st Century Toxicology. Tox. Sci. 126:291-297.

25. Herman, R.A., Dunville, C.M., Juberg, D.R., Fletcher, D.W., and Cromwell, G.L. 2011. Performance of broiler chickens fed diets containing DAS-68416-4 Soybean meal. GM Crops 2:169-175.

26. Reiss, R., Neal, B., Lamb, and Juberg, D. 2012. Acetylcholinesterase inhibition dose-response modeling for chlorpyrifos and chlorpyrifos-oxon. Regulatory Toxicology and Pharmacology. 63:124-131.

27. Marty, M.S., Andrus, A.K., Bell, M.P., Passage, J.K., Perala, A.W., Brzak, K.A., Bartels, M.J., Beck, M.J., and Juberg, D.R. 2012. Cholineseterase inhibition and toxicokinetics in immature and adult rats after acute or repeated exposures to chlorpyrifos or chlorpyrifos oxon. Regulatory Toxicology and Pharmacology 63:209-224.

28. Burns, C.J., Bartels, M.M., Dostal, J.V., Juberg, D.R., Weldy, J.R., and Lee, M.K. Chlorpyrifos biomonitoring among manufacturing workers. (Submitted for publication).

29. Juberg, D.R., Gehen, S.C., Coady, K.K., LeBaron, M.J., Kramer, V.J., Lu, H., and Marty, M.S. 2013. Chlorpyrifos: Weight of Evidence Evaluation of Potential Interaction with the Estrogen, Androgen, or Thyroid Pathways. Reg. Tox. Pharamcol. 66:249-263.

30. Juberg, D.R., Borghoff, S.J., et al. Lessons Learned, Challenges, and Opportunities: The U.S. Endocrine Disruptor Screening Program. Altex 31. 2014.

31. Arnold, S.M., Morriss, A., Velovitch, J., Juberg, D.R., Burns, C.J., Bartels, M., Aggarwal, M., Poet, T., Hays, S., and Price, P. 2015. Derivation of human biomonitoring guidance values for

chlorpyrifos using a physiologically-based pharmacokinetic and pharmacodynamic model of cholinesterase inhibition. Reg. Toxicolo. Pharmacol. 71:235-243.

32. Lutter, R., Juberg, D.R., et al. Improving Weight of Evidence Approaches to Chemical Evaluations. 2015. Risk Analysis. 35(2): 186-192.

33. Terry, C., Hays, S., McCoy, A., McFadden, L., Aggarwal, M., Bartels, M., Rasoulpour, R., and Juberg, D. 2016. Implementing a framework for integrating toxicokinetics into human health risk assessment for agrochemicals. Reg. Toxicol. Pharmacol. 75:89-104.

34. Ball, N., Cronin, M.T.D.,…Juberg, D.R., e al. 2016. T4Report: Toward Good Read-Across Practice (GRAP) Guidance. Altex Online. 2/11/16. http://dx.doi.org/10.14573/altex.1601251.

35. Poet, T.S., Timchalk, C., Bartels, M.J., Smith, J.N., McDougal, R., Juberg, D.R., and Price, P.S. Use of a PBPK/PD model to calculate data-derived extrapolation factors for chlorpyrifos. Submitted to Reg. Toxicol. Pharmacol.

36. Juberg, D.R., Knudsen, T., et al. 2016. Future Tox III: Bridges for Translation. Tox. Sci. doi: 10.1093/toxsci/kfw194

OTHER PUBLICATIONS

1. Juberg, D.R. Of Mice and Mandates: Animal Experiments, Human Cancer Risk, and Regulatory Policies. *The American Council on Science and Health*. New York, N.Y. 1996.

2. Juberg, D.R. Environmental Health Threats to Children: A Scientific Perspective. *The American Council on Science and Health*. New York, N.Y. 1996.

3. Juberg, D.R. PCBs and Children's Intellectual Development - Is There Any Reason to Worry? *The American Council on Science and Health*. New York, N.Y. 1996.

4. Juberg, D.R. Lead and Human Health: A Current Perspective. *The American Council on Science and Health.* New York, N.Y. 1997.

5. Juberg, D.R. Environmental Estrogens. *The American Council on Science and Health.* New York, N.Y. 1999.

6. Juberg, D.R. Traces of Environmental Chemicals in the Human Body: Are They a Risk to Health? *The American Council on Science and Health.* New York, N.Y. 1999.

7. Juberg, D.R. California Proposition 65 and Its Impact on Public Health. *American Council on Science and Health*, 2000.

8. Juberg, D.R. Lead and Human Health: An Updated Monograph. *American Council on Science and Health*, 2000.

9. Juberg, D.R. Analysis of Alleged Health Risk from DBCP in Drinking Water. *American Council on Science and Health*, 2000.

10. Juberg, D.R. A Call for Scientific Reason and Objectivity in the Evaluation of Potential Endocrine Modulating Chemicals. Mealey's Emerging Toxic Torts. September 22, 2000.

11. Gots, R.E., and Juberg, D.R. 2000. Management of Environmental Health Concerns in Healthcare Facilities. Journal of Healthcare Safety, Compliance & Infection Control. 5:2. 54-56.

12. Gots, R.E. and Juberg, D.R. 2001. Indoor Air Quality – A Concern of Increasing Importance for the Industrial and Manufacturing Sectors. U.S. Industry Today. U.S. Industry Today. 4:1. 31.

13. Juberg, D.R. Putting the Cart Before the Horse – The Rush to Ban Endocrine Modulating Chemicals with Little, If Any, Scientific Evidence of Harm to Human Health. Toxic Torts and Environmental Law Committee. Tort and Insurance Practice Committee News. Winter 2001.

14. Juberg, D.R. Mold as a Business Concern. Plants, Sites, & Parks. Sept. 2001: 14-16.

15. Juberg, D.R. 2001. School Buses and Diesel Fuel. *American Science on Science and Health*.

16. Juberg, D.R. 2002. Perchlorate in Drinking Water: Scientific Commitment and Collaboration in Defining Safety. *American Council on Science and Health*.

17. Juberg, D.R. 2003. Public Health Concerns About Polychlorinated Biphenyls (PCBs) – An Update. *American Council on Science and Health.*

18. Juberg, D.R. What's the Story – Health Claims Against Cosmetics – How Do They Look in the Light? American Council on Science and Health, 2005.

19. Juberg, D.R. 2007. Bringing Scientific Relevance to Environmental Health Concerns. Inside ALEC. American Legislative Exchange Council, July, 2007.

20. Juberg, D.R. and Marty, M.S. Low-Dose Effects and Non-Monotonic Dose-Responses in Regulatory Science. Crop Life International Perspective/Editorial. 2016.

ABSTRACTS

1. Haney, N.R., D.R. Juberg, K.K. Kessler and R.C. Juberg. Diagnostic dermatoglyphics. 1980. *Ohio J. Sci*. 80.69a.

2. Juberg, D.R. and P.B. Vila. Distribution and occurrence of benthic macroinvertebrates in the Buck Creek watershed. 1982. *Ohio J. Sci*. 82:96a.

3. Juberg, D.R. and F.R. Hauer. Macroinvertebrate-macrophyte association in a southeastern cypress water-tupelo floodplain swamp. 1983. *NABS*. 94a.

4. Loch-Caruso, R., M.G. Cimini, D.R. Juberg, I.A. Corcos and V.D. Caldwell. Comparison of assays for inhibition of gap junctional communication in human teratocarcinoma (HT) cells. 1988. *Teratology*. 37:475a.

5. Juberg, D.R., J.T. Bond and W.W. Weber. The mode of inheritance of the rat acetylation polymorphism. 1989. *FASEB Jour*. 3:A428.

6. Loch-Caruso, R., D.R. Juberg and V.D. Caldwell. Gap junctional intercellular communication in cultured myometrial cells. 1990. *In Vitro*. 26 (3) Part II, 63A.

7. Juberg, D.R. and R. Loch Caruso. o,p'-DDT increases contraction frequency of rat uterine strips *in vitro*. 1991. *The Toxicologist*. 11(1):70.

8. Tsai, M-L, I.A. Corcos, D.R. Juberg, R. Loch-Caruso and R.C. Webb. Messenger RNA for gap junction protein and oscillatory contractions in mesenteric arteries from genetically hypertensive rats. 1991. (Amer. Heart Assoc. - Council for High Blood Pressure Research)

9. Juberg, D.R., E.L. Stuenkel and R. Loch-Caruso. The effect of p,p'-DDD on intracellular calcium in rat myometrial cells. 1992. *The Toxicologist* 12(1):127.

10. Juberg, D.R., E.L. Stuenkel and R. Loch-Caruso. The chlorinated insecticide 1,1-dichloro-2,2-bis(chlorophenyl)ethane (p,p'-DDD) increases intracellular free calcium in rat myometrial smooth muscle cells. 1992. *Toxicology Letters*, Supplement, p. 160.

11. Juberg, D.R. A review of toxicity and epidemiological data for silver in animals and humans. The 3rd International Conference Proceedings - Transport, Fate, and Effects of Silver in the Environment. 1995.

12. Parthasarathy, K.C., D.J. Marino and D.R. Juberg. Multipathway risk assessment of emissions from a sludge incinerator. Waste Combustion in Boilers and Industrial Furnaces Conference: Sponsor: Air & Waste Management Association. 1997.

13. Juberg, D.R. Health risk assessment of environmental silver. The 5th International Conference Proceedings - Transport, Fate, and Effects of Silver in the Environment. 1997.

14. Juberg, D.R. The use of toxicology and science in distinguishing real from perceived human health risks. Emerging Issues Conference. Sponsor: National Groundwater Association. 2000.

15. Marty, M.S., Andrus, A.K., Bell, M.P., Passage, J.K., Perala, A.W., Brzak, K.A., Fishman, S.N., Bartels, M.J., and Juberg, D.R. Age-related differences in cholinesterase inhibition in immature and adult rats after acute or repeated exposures to chlorpyrifos or CPF-oxon. 2011. The Toxicologist. Abstract 1324.

16. Hotchkiss, J.A., Krieger, S.M., Rick, D.L., Bartels, M.J., Selman, F.B., and Juberg, D.R. Acute inhalation of aerosolized chlorpyrifos by adult Sprague-Dawley rats: absorption, metabolism, and kinetics of cholinesterase inhibition in red blood cells, plasma, brain, and lung. 2011. The Toxicologist. Abstract 2105.

17. Bartels, M.J., Marty, M.S., Hotchkiss, J.A. and Juberg, D.R. Impact of non-linear pharmacokinetics and metabolism of chlorpyrifos on biological response in the rat. 2011. The Toxicologist. Abstract 2279.

18. Bartels, M., Poet, T., Price, P., Hinderliter, P., and Juberg, D. Use of a validated PBPK/PD model for chlorpyrifos to correlate in vitro substrate concentrations with in vivo systemic exposures. The Toxicologist. Abstract 65. 2012.

19. Gehen, S., Kramer, V., Papineni, S., Marty, S., and Juberg, D. Weight of evidence evaluation of endocrine disruption potential for chlorpyrifos. The Toxicologist. Abstract 2199. 2012.

20. Juberg, D. and Price, P. PBPK/PD modeling of key events in a toxicity pathway – implications for determining population thresholds. The Toxicologist. Abstract 2652. 2012.

21. Arnold, S.M. et al. 2013. Derivation of biomonitoring equivalents for chlorpyrifos using a pharmacokinetic/pharmacodynamic model of oral exposures. 2013. The Toxicologist. Abstract 1245.

22. Bartels, M., et al. Evaluation of toxicity adjustment factors used for the risk assessment of chlorpyrifos oxon in drinking water. 2013. The Toxicologist. Abstract 508.

23. Patterson, J.P., Jubeg, D.R. et al. Workshop on Lessons Learned, Challenges, and Opportunities: The U.S. Endocrine Disruptor Screening Program. Society for Risk Analysis. 2013.

24. Price, P.S., Juberg, D.R., et al. Using a two-dimension Monte Carlo model to develop chemical specific adjustment factors (CSAFs) for chlorpyrifos and chlorpyrifos-oxon. 2014. The Toxicologist. Volume 138. Abstract 61.

25. Bartels, M.J., Juberg, D.R., et al. Multiroute PBPK/PD model for predictions of chlorpyrifos exposure and effects in humans and rat. 2014. The Toxicologist. Volume 138. Abstract 82.

26. Hotchkiss, J.A., Juberg, D.R., et al. Inhalation of saturated vapor concentrations of chlorpyrifos or chlorpyrifos oxon does not inhibit cholinesterase activity in the lung, brain or blood of rats. 2014. The Toxicologist. Volume 138. Abstract 688.

27. Arnold, S., Juberg, D.R., et al. Derivation of human biomonitoring guidance values for chlorpyrifos using a physiologically-based pharmacokinetic and pharmacodynamic model of cholinesterase inhibition. International Society for Exposure Science. Cincinnati, OH. 2014.

28. T.S. Poet, M.J. Bartels, D.R. Juberg. PBPK Model of Pregnancy: Impact of physiological and biochemical changes on data-derived extrapolation factors for chlorpyrifos. Accepted at 2017 SOT Annual Meeting.

29. Aggarwal, M., Mehta, T., Juberg, D. 2017. Regulatory acceptance of in vitro dermal absorption studies (OECD 428) using human skin as standalone in North America – What else is needed? Accepted at SOT Annual Meeting.

30. Terry, C. and Juberg, D. 2017. Classification and Labelling of Human Health and Environmental Hazards for Chemicals: Keeping a Global Perspective. Accepted at 2017 SETAC Annual Meeting.

31. Aggarwal, M., Terry, C., Mehta, J., Rasoulpour, R., and Juberg, D. 2017. Toxicological testing rationale for acid and/or ester forms of an agrochemical: Arylex as a case study. Submitted to ISTA 18.

PRESENTATIONS, INVITED SPEAKER/PANEL PARTICIPATION

1. Juberg, D.R., J.T. Bond and W.W. Weber. The mode of inheritance of the rat acetylation polymorphism. FASEB Meetings, New Orleans, LA. 1989.

2. Juberg, D.R., J.T. Bond and W.W. Weber. The mode of inheritance of the rat acetylation polymorphism. The University of Michigan Pharmacological Sciences Training Program Poster Session, Ann Arbor, MI. 1989.

3. Juberg, D.R. and R. Loch-Caruso. The effect of o,p'-DDT on contraction frequency in rat uterine horn strips. Serono Symposia on Uterine Contractility, St. Louis, MO. 1990.

4. Loch-Caruso, R., V.D. Caldwell, D.R. Juberg, and M.S. Pahl. Gap junction mediated intercellular communication in cultured rat myometrial cells. Serono Symposia on Uterine Contractility, St. Louis, MO. 1990.

5. Juberg, D.R. and R. Loch-Caruso. The effect of o,p'-DDT on contraction frequency in rat uterine horn strips. Michigan Society of Toxicology, Lansing, MI. 1990.

6. Juberg, D.R. and R. Loch-Caruso. The effect of o,p'-DDT on contraction frequency in rat uterine horn strips. Reproductive Sciences Program Poster Day, The University of Michigan, 1990.

7. Juberg, D.R. An introduction to toxicology. Seminar Series, Wittenberg University, Springfield, Ohio, 1990.

8. Juberg, D.R. The effect of o,p'-DDT on uterine contraction *in vitro*. Toxicology Program Seminar Series, University of Michigan, 1991.

9. Juberg, D.R. and R. Loch-Caruso. o,p'-DDT increases contraction frequency of rat uterine strips *in vitro*. Society of Toxicology 30th Annual Meeting, Dallas, TX, 1991.

10. Juberg, D.R. The effect of insecticide exposure on rat uterine contractility, *in vitro*. Reproductive Sciences Program Seminar Series, University of Michigan, 1991.

11. Juberg, D.R. and R. Loch-Caruso. o,p'-DDT increases contraction frequency of rat uterine strips *in vitro*. Michigan Society of Toxicology, Novi, MI. 1991.

12. Juberg, D.R. and R. Loch-Caruso. o,p'-DDT increases contraction frequency of rat uterine strips *in vitro*. Systems and Integrative Biology Program, University of Michigan, 1991.

13. Juberg, D.R. Physiological effects of chlorinated insecticides on rat uterine smooth muscle. Reproductive Sciences Program Seminar Series, University of Michigan, 1992.

14. Juberg, D.R., E.L. Stuenkel and R. Loch-Caruso. The effect of p,p'-DDD on intracellular calcium in rat myometrial cells. Society of Toxicology 31st Annual Meeting, Seattle, WA, 1992.

15. Juberg, D.R. A mechanistic investigation into *o,p*'-DDT- and *p,p'*-DDD-stimulated increases in rat uterine contraction frequency *ex vivo*. Doctoral Defense, University of Michigan, 1992.

16. Loch-Caruso, R., M.S. Marty and D.R. Juberg. Characterization of myometrial smooth muscle cell cultures for toxicity studies. Workshop on *In Vitro* Methods in Reproductive Toxicology, Ottawa, Canada, 1992.

17. Juberg, D.R., R.C. Webb and R. Loch-Caruso. DDT stimulation of uterine contraction frequency in vitro. Workshop on *In Vitro* Methods in Reproductive Toxicology, Ottawa, Canada, 1992.

18. Juberg, D.R., E.L. Stuenkel and R. Loch-Caruso. The chlorinated insecticide 1,1-dichloro-2,2-bis(4-chlorophenyl)ethane (p,p'-DDD) increases intracellular free calcium in rat myometrial smooth muscle cells. VI International Congress of Toxicology, Rome, Italy, 1992.

19. Loch-Caruso, R., Juberg, D.R. and M.L. Tsai. Uterine muscle as a target of environmental estrogens. Symposium on Environmental Estrogens. Sponsors - Michigan Regional Chapter of the Society of Toxicology and the Midwest Teratology Society. Ann Arbor, MI. 1994.

20. Juberg, D.R. A review of toxicity and epidemiological data for silver in animals and humans. Transport, Fate and Effects of Silver in the Environment - 3rd International Conference. Washington, D.C. 1995.

21. Juberg, D.R. Health risk assessment of environmental silver. Transport, Fate and Effects of Silver in the Environment. 5th International Conference. Hamilton, Ontario Canada. 1997.

22. Invited Speaker. Juberg, D.R. Silver and human health. Photomarketing Association (PMA) 98. New Orleans, LA. 1998.

23. Invited Panelist. Transport, Fate and Effects of Silver in the Environment. Risk Analysis Panel. Madison, WI. 1999.

24. Invited Speaker. ACSH Blue-Ribbon Panel Report on Phthalates and the Risk to Reproductive Health. Presented before the NIEHS Center for Evaluation of Risks to Human Reproduction. Arlington, VA. 1999.

25. Invited Speaker. American Council on Science and Health: A Scientific and Multidisciplinary Assessment of DEHP in Medical Devices. FDA CBER Workshop on Plasticizers: Scientific Issues in Blood Collection, Storage, and Transfusion. NIH, Washington, D.C. 1999.

26. Invited Speaker. 7th Annual Advances in Toxicology & Emergency Medicine. University of Connecticut Health Center. 1999.

27. Advancements in the Risk Assessment Process and Management of Health Risk at Hazardous Waste Sites. OSHA Hazardous Waste Site Worker Training. Xerox Corporation. 1999.

28. Invited Speaker. Emerging Issues Conference. National Groundwater Association. The Use of Toxicology and Science in Distinguishing Real from Perceived Human Health Risks. June, 2000. Minneapolis.

29. Keynote Speaker. Medical Plastics 2000. Society of Plastics Engineers. Medical Plastics Division and Chicago Section. October, 2000. Chicago.

30. Invited Speaker. N.Y. State Business Council Industry-Environment Conference. Understanding the Science Behind Risk. October, 2000. Saratoga Springs, N.Y.

31. Session Chair. Health Endpoints and Case Studies. Indoor Air Health – 2nd International Conference. NSF International. Miami, FL. January, 2001.

32. Invited Speaker. Facilities Management Executive Summit. FM '01: People, Productivity and the Bottom Line. Distinguishing Perceived from Real Facility Hazards. April, 2001. Kiawah Island, S.C.

33. Invited Speaker. The Growing Burden of Mold to the Insurance Industry – Trends, Science, and Strategies to Manage This Environmental Health Concern. Buffalo Claims Association. Buffalo, N.Y. October 2001.

34. Invited Speaker. Same as Above. Rochester Claims Association. Rochester, N.Y. October, 2001.

35. Invited Speaker. Review of Lead Literature. Mealey's Lead Litigation 101 Conference. New Orleans, LA. November 2001.

36. Training Presentations – Toxicology and Management of Health Risk at Hazardous Waste Sites. Xerox Hazwoper Training, Rochester, NY. March, 2002.

37. Invited Speaker. The Growing Concerns over Indoor Air Quality, Molds, and the Impact to the Business Community. Risk Insurance Management Society. Rochester, N.Y. March, 2002.

38. Invited Speaker. Current Perspectives on the Lead Literature and its Use in Litigation. Mealeys Lead Litigation Conference. Philadelphia, PA. April, 2002.

39. Training Presentations – Toxicology and Management of Health Risk at Hazardous Waste Sites. Conducted for RG&E Hazwoper Training. Rochester, NY April, 2002.

40. Invited Speaker. The Increasing Importance of Managing Environmental Health Hazards: Perceived and Real. BOCES of New York. Watertown, NY June, 2002.

41. Seminar Speaker. A Scientific Evaluation of Plasticizers in Medical Devices and Toys – Implications for Human Health Risk. Purdue University Department of Pharmacology and Toxicology, West Lafayette, IN. November, 2002.

42. Pesticides in Today's Environment: The World of Regulatory Safety Testing. Wittenberg University Department of Biology. Springfield, Ohio. November, 2004.

43. Co-Chair/Workshop – Current Regulatory and Scientific Views Regarding Chemical Hazards to Children. Society of Toxicology Annual Meeting. New Orleans, LA. March, 2005.

44. Agricultural Chemicals and Regulatory Safety Testing – University of Illinois, School of Veterinary Medicine/Biosciences. Champaign, Illinois – April, 2005.

45. Co-Chair and Presenter – Agriculture in the Classroom (Indiana Farm Bureau, Sponsor): How Plants Defend Themselves and Why This is Important for Anyone that East Food. Indianapolis, IN. June, 2005.

46. Speaker. American Abundance. Agriculture in America Today – Presented on behalf of the MidAmerican Crop Association (MACA) to IPS School 19. November, 2005.

47. Speaker. Agricultural Chemicals – Enhancing Classroom Knowledge of the Safety Evaluation Process. Hoosier Association of Science Teachers, Inc. Annual Convention. Indianapolis, IN. February 10, 2006.

48. Agricultural Chemicals and Regulatory Safety Testing – University of Illinois, School of Veterinary Medicine/Biosciences. Champaign, Illinois – April, 2007.

49. Invited Presentation – Bringing Increased Understanding and Clarity to Complex Science and Environmental Health Concerns. American Legislative Exchange Council/Natural Resources Task Force Meeting, Hilton Head Island, SC – April, 2007.

50. Invited Presentation – Scientific and Toxicological Concepts for Bringing Clarity and Increased Understanding to Environmental/Health Concerns. Indiana State Environmental Quality Service Council (EQSC). State Capitol, Senate Chamber, Indianapolis, IN. August, 2007.

51. Introduction to Toxicology – Purdue University Health Sciences Student Council. November, 2007.

52. Introduction to Toxicology – Wittenberg University Senior Seminar Course. February, 2008.

53. Testimony before the California Office of Environmental Health Hazard Assessment (OEHHA) on the scientific basis for proposing to list Chlorpyrifos as a Proposition 65 developmental and reproductive toxicant (2007).

54. Presentation before the State of California Department of Pesticide Registration (DPR) and OEHHA on the DART scientific database for Chlorpyrifos (2008).

55. Testimony on behalf of Dow AgroSciences before the Developmental and Reproductive Toxicant Identification Committee of the State of California on the subject of Chlorpyrifos and DART potential.

56. Mammalian toxicology studies for the safety evaluation of GM crops. IFBiC and HESI Biotechnology Update Symposium 2010. Washington, DC. 2010.

57. Advancing Pesticide Risk Assessment: Considerations of Toxicology, Exposure, and Aggregate/Cumulative Risk. PCIH AIHA CE Course/Meeting. Dallas, TX, 2010.

58. Quantitative assessment of sensitivity and variability in humans: modeling the effects of low dose exposure to dietary residues of chlorpyrifos. ARA Symposium. May, 2011. Falls Church, VA.

59. Advancing the practice of toxicology in risk assessment and regulatory decision-making. Teratology Society Annual Meeting. June 2011. San Diego, CA.

60. The role of science and toxicology in evaluating environmental health claims. ALEC Task Force Meeting. August, 2011. New Orleans, LA.

61. Animal toxicology studies for proteins and whole foods. Assessing the safety of GM crops. Presented at ILSI International Food Biotechnology Committee. Beijing, China. November, 2011.

62. Defining and distinguishing adversity from adaptability in 21st Century toxicology. Presented at Evidenced-based Toxicology for the 21st Century: Opportunities and Challenges. Research Triangle Park, NC. January 2012.

63. Workshop on Lessons Learned, Challenges, and Opportunities: The U.S. Endocrine Disruptor Screening Program. RTP, North Carolina. April 2013.

64. The Role of Biotechnology in Sustaining a Growing World – Understanding the Science Behind the Safety of GM Crops. Dow Sustainability Network. June 2013.

65. The Intersection of Law and Science in Pesticide Risk Assessment. University of Michigan Law School. October 2013.

66. The Hamner Institutes for Health Sciences: Toxicity Pathway and Network Biology Program Sponsor Meeting – Dow Chemical Perspectives. February 2014. Washington, D.C.

67. New Approaches in Toxicology Assessment – GMA Science Forum. April, 2014. Washington, D.C.

68. Key Conclusions from Future Tox III: Bridges for Translation. Toxicology and Risk Assessment Conference. Cincinnati, Ohio. April 2016.

69. 25 Years of Endocrine Disruption Research: Past Lessons and Future Directions. September 2016. Washington, DC. Invited Panelist – Session 8: The Next 25 Years: A Discussion on a Safer Future.

70. Perspectives for Success in the Chemical Industry. Presented before the Career Resource and Development Committee and members. Society of Toxicology. February 16, 2017.

71. Global Evolution of Toxicity Testing and Assessment of Chemical Risk in the 21st Century. Presented before AGROW members. May 10, 2017.

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June 15, 2017

Mr. Tom Tracy
Office of Science Policy, Office of Research and Development
Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Mail Code 8104-R
Washington, DC 20460

Dear Mr. Tracy:

The Academy of Toxicological Sciences Board of Directors is pleased to recommend Dr. Daland Juberg, PhD, ATS for consideration as an Expert in Toxicology to serve on EPA's Board of Scientific Counselors. The Academy of Toxicological Sciences (ATS) is the leading international organization that certifies toxicologists by peer review of education, professional experience, leadership, demonstrated achievement and scientific expertise.

ATS certifies toxicologists through a peer-reviewed application process conducted by its Board of Directors. Successful applicants are internationally recognized, and exemplify a high standard of accomplishment in the field. Through this deliberate process, ATS ensures a high standard of professional experience and practice for toxicology professionals engaged in the generation and translation of toxicology data and information to protect human health and the environment. Being a Fellow of ATS is an internationally recognizable and cherished honor.

ATS not only certifies toxicologists by peer review of their professional achievement, but also imposes a code of ethics that assures ATS Fellows who participate in research and testing, who determine safety and risk-benefit, and who make regulatory decisions that impact public health and the environment, exercise sound scientific judgment that is free of bias and based on the scientific data.

Dr. Juberg, as an ATS Fellow in good standing, has achieved the high standards required of the credential. It is these high standards of qualification that enable the Board of Directors to recommend strong consideration of the application of Dr. Juberg.

Sincerely,

Matthew S. Bogdanffy, PhD, DABT, ATS
President
Academy of Toxicological Sciences